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FORM 13-7 (REV. 10-1-99)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

TAK.P.US0029

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

09/857892

INTERNATIONAL APPLICATION NO.

PCT/JF/00908

INTERNATIONAL FILING DATE

17 February 2000(17.2.00)

PRIORITY DATE CLAIMED

12 October 1999(12.10.99)

TITLE OF INVENTION

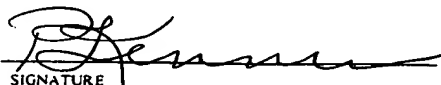
PADDED BODY

APPLICANT(S) FOR DO/EO/US

Taro Ogawa, Yasumasa Senoo, Yasuyuki Toda, Mitsuo
Katayama and Takahiro Hara

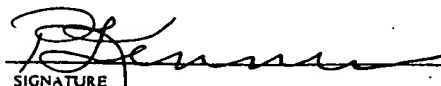
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
 2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
 3. ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)).
 4. ☒ The US has been elected by the expiration of 19 months from the priority date (PCT Article 31).
 5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
 6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☒ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
 8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
 9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
- Items 11 to 16 below concern document(s) or information included:
11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
 12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
 13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
 14. ☐ A substitute specification.
 15. ☐ A change of power of attorney and/or address letter.
 16. ☒ Other items or information: Verified English translation of priority document
(Japanese Application No. Heisei11(1999)-289480;
References cited in International Search Report (in
Japanese Demand; in Japanese)
International Search Report (in Japanese)

U.S. APPLICATION NO. 097/857892		INTERNATIONAL APPLICATION NO. PCT/JP00/00908		ATTORNEY'S DOCKET NUMBER TAK. P. US0029									
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00 X International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 40%; text-align: right;">\$</td> <td style="width: 10%; text-align: right;">860</td> <td style="width: 10%; text-align: right;">00</td> </tr> <tr> <td></td> <td style="text-align: right;">\$</td> <td></td> <td style="text-align: right;">00</td> </tr> </table>			\$	860	00		\$		00
	\$	860	00										
	\$		00										
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).													
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE										
Total claims	13 - 20 =	0	X \$18.00	\$									
Independent claims	5 - 3 =	2	X \$80.00	\$	160 00								
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$270.00	\$									
TOTAL OF ABOVE CALCULATIONS =				\$	1,020 00								
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$									
SUBTOTAL =				\$	1,020 00								
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$									
TOTAL NATIONAL FEE =				\$	1,020 00								
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$									
TOTAL FEES ENCLOSED =				\$	1,020 00								
				Amount to be refunded:	\$								
				charged:	\$								
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,020.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>18-0987</u> . A duplicate copy of this sheet is enclosed.													
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.													
SEND ALL CORRESPONDENCE TO: Phillip L. Kenner, Esq. Renner, Kenner, Greive, Bobak, Taylor & Weber First National Tower, 4th Flr. Akron, OH 44308-1456													
				 SIGNATURE									
				NAME									
				<u>Phillip L. Kenner</u>									
				22,353									
				REGISTRATION NUMBER									

531 Rec'd

1-1 JUN 2001

U.S. APPLICATION NO. 09/857872		INTERNATIONAL APPLICATION NO. PCT/JP00/00908		ATTORNEY'S DOCKET NUMBER TAK.P.US0029	
17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$860.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$710.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$690.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY \$ 860 00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	13 - 20 =	0	X \$18.00	\$	
Independent claims	5 - 3 =	2	X \$80.00	\$	160 00
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TOTAL OF ABOVE CALCULATIONS =				\$	1,020 00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$	1,020 00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	1,020 00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$	1,020 00
				Amount to be refunded:	\$
				charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,020.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>18-0987</u> . A duplicate copy of this sheet is enclosed.					
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SEND ALL CORRESPONDENCE TO: Phillip L. Kenner, Esq. Renner, Kenner, Greive, Bobak, Taylor & Weber First National Tower, 4th Flr. Akron, OH 44308-1456					
				SIGNATURE	
				NAME	Phillip L. Kenner
				REGISTRATION NUMBER	22,353

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(Transmittal Letter to the United States Designated Office (DO/US)—Entry Into National Stage under
 35 U.S.C. 371—PTO 1390 [13-7]—page 2 of 2)